The Submarine On Board Training Newsletter

Another SOBT Milestone Achieved

Admiral's Corner

This summer the SOBT Program achieves another major milestone: completion of the first of a series of programs collectively known as Collision Avoidance Trainers; designed to simulate a DIMUS display, a periscope, and a RADAR repeater. Now Officers of the Deck, Contact Coordinators, or Sonar Supervisors can teach and practice the fundamental skills associated with piloting, seamanship, and other submarine operations where relative motion and ship handling come into play.

This summer the SOBT Program will also provide the hardware and hubs to allow the programs to be networked together on several laptops to practice these skills in a team training environment. To provide additional assets to run this new software the SOBT Program will provide you with new laptop computers and upgrade the older laptops with additional RAM and Windows 95 operating systems. The SOBT Staff will work with the submarine Type Commanders to deliver these hardware and software enhancements and train your crew and squadron and group staffs in their installation and operation.

In the future we will use this capability to link together other software, such as the Submarine Ship Control Simulator and the TLAM Launch Sequence Trainers to extend the on board team training environment. If you have ideas on how these new capabilities can be used to further enhance your training or if you have questions or concerns on any aspect of the SOBT Program, don't hesitate to contact the SOBT Director or his staff.

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J.B. Padgett

Suggested Distribution of Copies
CO, XO, and COB (1 copy) - SOBT Products Manager (1 copy)
This distribution of SOBT Training Trends will ensure that everyone will be aware of new SOBT products available for training needs.
Distribution Statement A: Approved for public release; distribution is unlimted.

Theme

Panasonic laptop computer policy

Panasonic laptop computers are provided to ships as part of the Submarine On Board Training (SOBT) program. These are the same type of laptops used for the SNAP III and ATIS systems onboard most ships. Because of the value of these assets it is imperative they are properly safeguarded and maintained.

Recently several laptops were received at the SOBTDS Repair Depot which showed signs of tampering. Several parts, including memory chips, were missing. Do not attempt to repair the laptops yourself. All laptops requiring maintenance should be returned to the SOBTDS Repair Depot for servicing.

The SOBTDS Repair Depot is an authorized Panasonic Service Dealer. Any attempt to repair a laptop that requires gaining access to the internal electronics of the laptop violates the terms of the warranty and should be avoided. All consumer accessable items can be accessed via a removable panel. If a screwdriver is needed to remove a panel to gain access to a component, it is not a consumer accessible item.

To obtain service for a malfunctioning laptop call the SOBTDS repair depot at (800) 828-6289. They will need a street address to for delivery if in CONUS. FPO addresses can only be used if over seas. The depot will ship a replacement laptop 2nd day air to your location. When the computer arrives remove your hard drive from the defective laptop. Remove the new laptop from the shipping container and install your hard drive. Place the malfunctioning laptop into the shipping container, affix the return shipping label and call the 1-800 number found on the label to arrange UPS pickup.

Technical Support for Panasonic Laptop Computers

Support for a stand alone laptop computer referred to as the Submarine On Board Training Delivery System (SOBTDS) can be obtained by calling the toll free technical support telephone number (1800-828-6289) or (368-9242 in 757 area code) between the hours of (1800 - 1700 (Eastern Standard Time) Monday through Friday.

Support for laptops used on the SNAP or ATIS systems is provided by the Naval In-Service Engineering Center East Detachment Norfolk's Joint Maritime Command Information System (JMCIS). Any broken or malfunctioning laptops used on the SNAP or ATIS system should be referred to JMCIS. Call JMCIS at 1 800- 869-6413 for repair or technical support.

Technical Support for the 3Com, EtherLink III, LAN+33.6 Modem PC Card

Assistance with a broken or malfunctioning EtherLink III PC card can be obtained directly from the 3Com Corporation. The EtherLink III PC card is covered under a full lifetime warranty covering any problem you may have with the EtherLink III PC card, Twisted-pair adapter or the combination adapter.

Returning Products for repair:

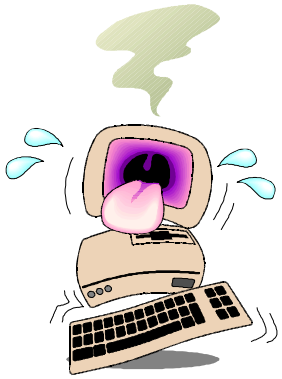
NOTE: 3Com products sent to 3Com Corp. for repair must first be assigned a Return Materials Authorization (RMA) number. Products sent to 3Com Corp. without RMA numbers will be returned to the sender unopened, at the sender's expense.

Obtaining an RMA number, in U.S.A. call (800) 876-3266 and select option #2.
(Note: the RMA number needs to be on the outside of the package above the send to address)
Return the malfunctioning adapter or PC card by registered mail to:

RMA # _____
3Com Corporation
5353 Betsy Ross Drive
Santa Clara, CA 95052
ATTN: Receiving Door

It takes on average two and a half weeks to receive your repaired or replaced components. Call the SOBT office with all other questions and comments. Your point of contact is Mr. Paul Knieser at DSN 694-2895 or commercial (860) 694-2895.

SOBT Courseware Incompatibility



It has recently come to our attention that installing some of our older courses (specifically, those courses using SOBT CMI version 2.1, such as the SSBN 726 Class and SSN 688 Class Ship Control Simulators) after having installed some newer courses can cause a problem where the newer course will not function properly. The reason for this is incompatibility of the Runtime files that were used when the courses were initially distributed. When an older course is installed, in some cases it will overwrite some files needed by the newer courses. This problem has been corrected for the newer SOBT courses but some of the older courses were authored prior to the change in SOBT procedures. If you experience this problem, here's how to correct it:

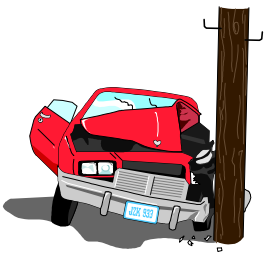
1. With the course that has stopped working in the CD ROM drive, restart your computer, then select Start from the taskbar then click on "Run". Next, select "Browse" go to your CD ROM root directory, then double click on "Setup.exe". From the "Run" dialog box, select "OK".
2. If you get the report that the software is already installed and asked if you want to install it again, select "Yes".
3. When you are asked which drivers to install, select all the available drivers and then "OK".
4. If the computer reports that there are existing drivers on your system, gives you dates, and asks if they should be replaced, answer "Yes" regardless of the dates. Those dates only tell you the last time the driver was saved and not necessarily how recent the drivers themselves are!
5. If asked, install the Video for Windows driver!
6. When the computer reports installation complete, select "Start" then "Shutdown" and then "restart" and "OK", to restart your computer. This is important! The computer should always be restarted following a new course installation!
7. Next, try to start the course you just re-installed. It should work! If it does not, contact the SOBT office for further assistance.

Your point of contact is Mr. Duane Slaughter.

COLLISION and Grounding Slide Presentation

(SL-ID-9320) (CHANGE 4)

Work is currently underway to reproduce the necessary slides to



distribute "Change 4" to the "Submarine Force Commander's Collision and Grounding Slide Presentation", SOBT SL-ID-9320. This change adds 6 new slides to the collision presentation for the USS JACKSONVILLE (SSN 699) incident, as well as to correct several minor typographical errors throughout the collision section.

We expect to distribute the completed "Change 4" package by the end of July 98 and will utilize the initial distribution listing for mailing. If your command is on the "normal" distribution for SOBT products, Change 4 will be sent to you automatically. If your command is outside the normal distribution, and you hold a copy of the "Collision and Grounding Presentation" (with changes 1 through 3), you may request a copy of "Change 4" by simply giving us a call here at SOBT, or submitting a SOBT Feedback Form.

In addition, based on feedback from the fleet, work is currently underway to convert the "Collision and Grounding Slide Presentation" from the current 35mm slide format to a format on CD-ROM. We anticipate having a draft version of this ICW for review by the end of this June. Once a thorough review is conducted, corrections will be made and work on the final product will commence. We expect to have this project completed by early Fall. More information will follow in our next newsletter.

We have also started work on putting the entire collision and grounding slide presentation into a Powerpoint presentation format. Once this is accomplished, in parrallel with the interactive CD-ROM version, the current 35mm slides will be deleted. More information will follow in future newsletter articles.

But for now, Change 4 will be distributed on 35mm slides as before. Keep your feedback forms coming in, as this is our way of knowing what the fleet wants and desires.

Look for your copy of "Change 4" to the "Collision and Grounding Slide Presentation" in the mail soon!

Your point of contact is Mr. Roy Piper.

Submarine Shallow Water Operations Video

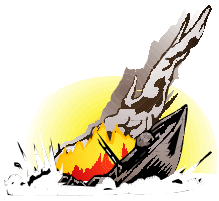
Todays submarine's unique combination of stealth and fire power make it a versatile platform for both peacetime and war. In the past, U.S. Navy nuclear submarines were used exclusively in their primary mission areas of anti-submarine warfare (ASW) and anti-surface warfare (ASUW). However, given the current world geopolitical situation, other mission areas have taken on ever increasing significance. Missions such as intelligence and warning, swimmer delivery, surveillance, search and rescue, and cruise missile employment have caused the area of operations to move into shallow waters nearer to shore.

SOBT is in the final stages of duplication and distribution of a video entitled "Submarine Shallow Water Operations". This video is designed to present the operational challenges unique to submarines operating in shallow water, as well as several of the recent "Lessons Learned", thus allowing these challenges to be met safely. Several of the objectives presented in the video are: Characteristics unique to operations in shallow water, A review of prudent navigational preparations prior to entering an area of shallow water for submarine operations, and Considerations while conducting submarine operations on station in shallow water.

This video is applicable to every submarine officer, to each submarine senior enlisted, and to each member of the Section Tracking Party while operating in shallow waters. When final duplication of this video is completed, scheduled for later this Summer, distribution to each submarine, submarine groups and squadrons, and submarine training commands will be conducted.

Your point of contact for this video is Mr. Roy Piper.

Submarine "Rules of Engagement" ICW



Based on your feedback, we are in the script-writing phase of an interactive, computer-based training product for all submarine officers and senior enlisted personnel. This ICW training product, entitled "Submarine Rules of Engagement", is being designed to encompass approximately two instructional hours and will present the following learning objectives:

- Gain a better understanding of the requirements of the Rules of Engagement
- Gain a better understanding of real-world situations and the difficulty of correctly applying the Rules of Engagement
- Gain a better appreciation of the consequences of not, or incorrectly, applying the Rules of Engagement

Since clearly correct or incorrect answers are not well defined for most tactical situations, the trainee, or student, will not be explicitly graded on his or her performance during this course of this ICW. To provide a means of evaluating how well the trainee has done, his/her intentions and reasons for actions will be recorded in a post-event message. A post-mission debrief with the courseware Theater Commander will allow for review of messages and also provide the "most correct" application of the Rules of Engagement.

The ICW is designed to start out with an audio introduction, supported by appropriate graphics. This introduction will present the trainee with the applicable training objectives as well as a general understanding of program operations. The trainee will specifically be told to apply the U.S. Rules of Engagement when making decisions. An interactive tutorial will be available as an option.

At the completion of the introduction, the trainee will receive a mission OPORDER, Rules of Engagement message, appropriate intelligence messages, and other supporting information. This will allow the student to have a better understanding of the initial tactical situation and assigned mission.

The U.S. SSN will then begin detecting contacts and making decisions based on the Rules of Engagement. Each detection will be designed as a separate module. Detections will be chosen from a pool of possible scenarios, each with an associated probability. The scenarios are divided into two sets. Set 1 contains DEFCON 3 scenarios and set 2 contains DEFCON 1 scenarios. Initially, scenarios are drawn from set 1. After war escalation, scenarios are drawn from set 2.

The trainee will make a decision of what to do based on realistic detection data. To aid in making an appropriate decision, the trainee will have access to applicable on-line reference materials. In some cases, target classification will be ambiguous, or uncertain, and the trainee will have to make the hard decision of what to do. At other times, the platform will be known, but not the country, or vice versa. In some cases, the contact will be positively identified. This variability will help to provide the trainee with realistic situations and more to think about when deciding what to do.

The trainee will continue to detect contacts until choosing to quit the program, or receiving a message telling him to return to port. The trainee will be told that the Theater Commander wants to see him to debrief the mission. In the meeting, the Theater Commander will go through a short discussion of each event, addressing the application of the Rules of Engagement.

This ICW is being designed to allow the student, or students, in an individual setting, or as a small group, the opportunity to be placed in a unique training environment and contact situation and having to make decisions as to how to most effectively, and correctly, apply the Rules of Engagement.

Work and product development is underway on this highly interactive computer-based training product. As we progress further through the development process, I will write a follow up article to keep you informed as to when this product will be distributed to the fleet. Thanks to your feedback, we are able to fund more training products as I have described in this article. Keep your Feedback Forms, phone calls, and e-mail messages coming in. We want to know what training products you want or need.

Your point of contact for submarine officer training videos and ICW is Mr. Roy Piper.

AN/BSY-1 TLAM-C Torpedo Tube Launch (TTL), CCS Mk 2 Torpedo Tube Launch (TTL), and CCS Mk 2 Vertical Launch System (VLS) Launch Operator Training Models

These three newly released training models (dated May 1998) provide initial, refresher, and advanced training for Weapons Department personnel, Officers, and technicians involved in the proper operation and maintenance of the CCS Mk 2 and AN/BSY-1 Torpedo Tube Launch (TTL) and the CCS Mk 2 Vertical Launch System (VLS) for TLAM-C Cruise Missiles.

The three individual Launch Operator Training Models, with SOBT Product numbers, are as follows:

- AN/BSY-1 TLAM-C TTL Launch Operator Training Model, Version 2.61 (CBI-F-9779)
- CCS Mk 2 TLAM-C TTL Launch Operator Training Model, Version 2.62 (CBI-F-9857)
- CCS Mk 2 TLAM-C VLS Launch Operator Training Model, Version 2.62 (CBI-F-9861)

These up-to-date, interactive computer courseware (ICW) programs simplify computer operations, revise training materials, and add more realistic front panel displays. In addition, these newest versions have been expanded to support additional embedded casualty scenarios. The programs are Windows-based and require a 386 or higher, stand-alone computer, and a mouse for proper operation.

The CCS Mk-1 and BSY-1 TLAM-C VLS Training Models are composed of three view types organized under an overview. The view types are:

a. Logic Views - A visual depiction of the logic that controls events within TTL or VLS operations.

b. Equipment Views - Faceplates of respective Combat Control System equipment.

c. Procedural Views - Text of Firing Craft Procedures, OD 44979.

These computer-based VLS and TTL training models accurately demonstrate the behavior of the CCS Mk 2 and the AN/BSY-1 Combat Control Systems by allowing the operator to change the various event states and thereby simulating numerous operator selected launch scenarios, either in an automatic or manual mode of system operation. In addition, casualty scenarios may be selected to aid in the training of fault identification and troubleshooting techniques.

These computer-based training products are applicable to all SSN 688 and SSBN 726 class submarines equipped with either the CCS Mk 2 or the AN/BSY-1 Combat Control System, applicable submarine groups and squadrons, and submarine training commands.

Your point of contact for Combat Control Systems and Cruise Missile training is Mr. Roy Piper.

Strategic Weapons Systems (SWS) Interactive Courseware (ICW) update

Two more Interactive Courses (ICW) join the SOBT library and are being issued to all Trident submarines, groups, squadrons, and training commands.

D5 Missile Closeout Inspection ICW-M002
Provides refresher training for Weapons Officers, Assistant Weapons Officers, Trident II Missile Technicians and cross training Trident I Missile technicians. This course provides in-depth coverage of the inspection criteria related to components, connectors, wiring and procedures required to complete closeout inspections in the equipment section, interstage, eject chamber and umbilical housing on the D5 missile.

AN/WRN-6 Global Positioning System (GPS) Principles, ICW-N005
Introduction and refresher training for Navigation Center watch

standers on basic Global Positioning System principles. This course provides an in-depth look at the world wide control and operational stations, the space vehicles functions and orbital planes and user interface.

Here are some new courses currently under development:

Weapon System Causality Operation, ICW-W002

28-VDC Ground Fault Troubleshooting, ICW-F004

D5 Missile Receipt/Transfer Inspection, ICW-M003

Data Entry Subsystem Operational Exercises, ICW-F008

Trident II Missile Tube Heating and Cooling, ICW-SS003

Launcher Essential Power / Launcher Control Group Power, ICW-L003

Trident, Navigation Watch Supervisor, ICW-N006

ECS Transducer Maintenance, ICW-

Navigation/Fire Control Interface, ICW

Your point of contact is Mr. Paul Knieser.

General Millitary Training

Two new training videos were distributed last quarter to aid in general military training (GMT). "Submarine Firefighting Techniques" and "Submarine I Division Training"

"Submarine Firefighting Techniques" (SOBT) video (SVT-DC-9659) DN 806044.

Submarine Firefighting Techniques will be a valuable asset when training the damage control parties in firefighting techniques.
This video describes specific firefighting procedures to be used

onboard submarines to control and extinguish different classes of fires. It also demonstrates personnel and firefighting equipment used to extinguish a fire. This video explains fire prevention and safety precautions used in approaching and combating a fire. Important information is presented on the following topics; Classes of fires, proper firefighting agents and methods of extinguishing a fire, Firefighters ensemble (FFE), Firefighting safety precautions, Naval Firefighter's Thermal Imager (NFTI), Fire prevention, prohibited/ restricted items, housekeeping and initial response.

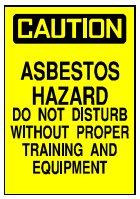
"Submarine I Division Training" (SOBT) video (SVT-GT-9658) DN 806038.

Submarine I Division Training is a great video to use when indoctrinating newly reporting personnel or for annual refresher training. This video is designed to assist in the indoctrination of newly reporting personnel and annual all hands refresher training. This video will provide each individual reporting to a command with command specific environmental awareness training. The video discusses the hazards, disposal and regulations concerning asbestos. This video identifies the current objectives regarding the Navy's commitment to providing equal treatment and equal opportunity to all of its members. The video is divided into three parts and presents the material as follows:

Part One: Environmental Training
Pollution prevention program.
Hazardous material control and management.

Spill prevention and reporting.
Pollution prevention and recycling.
Oily waste and waste oil.
Air pollution/Ozone-depleting substances.
Volatile organic compounds.
Sewage waste, solid waste, plastics and medical waste.

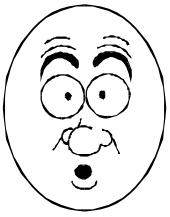
PartTwo: Asbestos/Man Made Vitreous Fibers (MMVF)
Asbestos/MMVF defined.
Health hazards associated with Asbestos/MMVF.
Management and disposal of Asbestos/MMVF.
Regulations governing Asbestos/ MMVF.



Part Three: Equal Opportunity Program Command Managed Equal Opportunity Program.
Sexual Harassment Prevention.
Grievance and redress procedures.
Training information resources.
Fraternization.

Your point of contact is Mr. Paul

Trident Basic Enlisted Submarine Qualification Program (ICWTS)



ICWTS gets a face-lift.
Remember in our July 97 newsletter I told you about the first major change to ICWTS was the conversion to CD-ROM. Although ICWTS was delivered on CD-ROM and available through the Windows, it was still an MS-DOS application. Ever since then our programmers have been busy re-authoring ICWTS to run in Windows 3.11 or Windows 95.
With this upgrade, we are also retiring the acronym "ICWTS." The name **ICWTS** is being replaced by **"Trident Basic Enlisted Submarine Qualification Program."** While incorporating many of the features from the original ICWTS we are updating the courseware to reflect system configuration changes due to Spalts, ShipAlts, and A&Is, as well as enhancing the program by using advancements in computer technology. We anticipate having the first few modules ready for distribution by the end of 1st Qtr FY99.
The new interactive qualification program supports the Enlisted Requirements for Submarine Qualification (SSBN 726 CLASS) COMSUBLANT/COMSUBPACINST 1552.16a. The Beta version of the first eight qualification modules made their debut last month in Bangor, WA. Sailors from COMSUBGRU NINE, COMSUBRON SEVENTEEN, TTF and several SSBN commands were on hand to tryout the new interactive qualification modules and make comments to the developers. I would like to thank all of you who took the time to review the new qualification modules and for your constructive comments. Your inputs will help make and keep this the best qualification program in the world.

Your point of contact is Mr. Paul Knieser.

Executive / COB (GMT)

NEW, RECENTLY DISTRO'ED GMT VIDEOS

HEY COB, looking for some good GMT topics to satisfy those Squadron training requirements? These topics should help you and your troops both in port and underway. They were recently distributed by SOBT.
a. Submarine Countdown To Deployment – (SVT-GT-9786 / 806367) presents deployment planning, obstacles, challenges, opportunities, and directions for the Navy Submarine family. It's great preparation for upcoming separations.
b. Submarine Small Arms Training – Two separate topics: Operational Description and Handling – (SVT-W-9540 / 805659) and Course Of Fire – (SVT-W-9564 / 805660) together present all the prep training you and your "TROOPS" need to know prior to those gun shoot qualifications.

Your Point of contact is Mr. Joe Valchar

Executive

I've received numerous feedbacks over the past several months, informing SOBT that the QA Manual and QA For the Junior Worker video (SVT-GT-9401) is outdated due to the implementation of the Joint Fleet Maintenance Manual. The updated video "Joint Fleet Maintenance Manual Volume V, Quality Maintenance" (SVT-GT-

9884) is complete and should be arriving at commands this summer. It will supersede the previous QA video.

More QA, a QA For Supervisor video is in the filming stage and should be completed and distributed this fall.

Your point of contact is Mr. Dan Buchanan.

Combat System / Weapons

ADCAP POST LAUNCH TRAINER (APLT) VERSION 2.12

All you Combat Control System C4.2V2 Software boats should have received (through your Squadron Combat Systems / Security Manager) your SOBT (CBI-W-9878) APLT package. It contains 21 new scenarios updated to your system and MK 48 MOD 6 BLK IIA weapon software. There are some pretty specific load instructions for Windows 95 lap-tops in the prom letter, so make a copy and keep it with the disketts. If you're a C4.2 unit and haven't seen it, check with your Squadron FT's or vault / mail room. If you recently received C4.2 software call and order these new scenarios. It is SECRET.

Your point of contact is Mr. Joe Valchar.

From The Greasy Keyboard

I've gotten lots of phone calls and

I've had visits from Groton A-Gangers and everybody is giving me excellent ideas for future products. ALRIGHT!!!!! I am willing to listen to any idea that will make your training day a little bit easier and more productive. Just keep the thought processes flowing.

Spent a week down in Kings Bay about a month ago, my first trip down that way. We were doing some filming for the new Trident Hatch Maintenance ICW. I'd like to extend a big THANKS to CDR Gary Edwards, Commanding Officer of USS TENNESSEE (GOLD) and MMCM Steve Dye, Chief of the Boat for letting me have the run of the ship during refit. I'd also like to thank MMC Glenn Healy, MM3 Javier Martinez and MM3 Lynn Whitehead from the TENNESSEE crew, MMC Todd Schulz from PMT Kings Bay and MM1 Earl Lovings from TRITRAFAC for their outstanding technical support and ship knowledge.

Let's talk about Ships' Quals for a minute. Both Type Commanders have now signed the instruction mandating the use of SOBT ICW in all submarine qualification programs.

In past discussions with sailors from Groton to Pearl Harbor the most common complaint from everyone has been, "We don't have enough computers to support the numbers of non-qualified personnel we have onboard". Let me offer a suggestion or two.

First of all, with the exception of the Trim System CD, all of the Ships' Qualification software runs about 55 minutes in length. So the student sits down with the computer and does the course, including the final test, and then gets up and goes and walks around the ship for familiarization. This will probably take up the second hour of most two-hour night study programs. The next night (or for hot-running sailors, the same night), he goes for the check-out and gets the signature on his qual card.

Now keep in mind that we're assuming the sailor hasn't had a problem finding the CD he needs or wants to study. If he is in the middle of a module, his student floppy disk will "bookmark" his progress on one CD and allow him to start other CD's. And if he wants to refresh his memory prior to getting a check-out, he can take the final test over again (the computer will scramble the questions from the internal test bank each time). He can also do the entire module over again. And we all know that two individuals who report onboard at the same time will typically qualify together. Who says they can't study in front of the same computer?

It's fairly simple to manage underway, also. It is highly unlikely that all of your unqualified personnel will be awake and off watch at the same time. And you can't qualify using the computer alone. At some

point the sailor must walk around the ship and put his hands on pipes, switches and valves. He's got to get system check-outs and he's got to get compartment walk-throughs. And finally, he's got to go in front of a qualification board.

The great thing about using the SOBT Courseware for qualification is that the Qualification Officer can look at the student disk for each non-qualified sailor on a weekly basis and tell right away whether or not the sailor is working. Lots of computer time, with modules completed, is a good thing. Lots of system check-outs is also a good thing. A sailor with no computer time will raise the red flag everytime, and the Quals Officer can track the problem and resolve it immediately. No more sleeping in dark corners, curled up with you favorite Ship System Manual!

I will acknowledge that during the transition there'll be some growing pains. Hold GMT to familiarize your crew with the SOBT computers. Make SOBT computer and ICW familiarization part of the same check-in procedure where the newly-reported sailor receives his qual cards. Be proactive, not reactive.

I will field any and all calls for products or questions. MMC (SS) Shawn W. Irish. Engineering and Auxiliary Systems Project Manager.

Navigation

Secret Stuff

I've been getting a lot of calls looking for secret courseware that should be onboard, like "SIG REC", (SIGNAL RECOGNITION TRAINER CBI-EW-9846). We send the courseware for each boat to the Squadron in one container. The squadron then handles getting that course to its boats. If there is something you're hunting for and it's secret, try your squadron. We do get a record of receipt back from the squadron and the boat once it's aboard. So, you can always give us a call and we can tell you who received it and you can put the question to that individual.

AN/WRN-6 (GPS)/ Maneuvering-Board

I've just mailed AN/WRN-6 (GPS), CBI-N-9873, for use in initial and refresher training for Quartermaster of the watch, Radar Operators and all ET's.

About the same time, I sent the course MANEUVERING BOARD OPERATIONS, CBI-N-9757, for use in initial and refresher training for Officers of the Deck, Contact Coordinators, Quartermaster of the watch, Radar Operators.

Your point of contact is ETC (SS) Pat Thompson.

SOBT Hi-Lites

To all SOBT Products Managers:

I'm creating a database file with all SOBT Product Managers Name,Rank, Command, and Phone Number so I can be more familiar with all of you. I will update this file every month with your help, please have your replacement do the same. I need all of you to send a fax with the information above.

Another Issue:
There's going to be a minor change when we send SOBT Materials to your command. When the SOBT Material is unclassified we are not going to send a Record of Receipt Card. We are only going to send the receipt card when the SOBT Material is Confidential or Secret. If you received an unclassified package with a receipt card, they are for tracking purposes. Please mail it back to the SOBT Office. If you have any Confidential or Secret Record of Receipt Card that you haven't mailed back please do so. There are a couple of commands that are not consistent when it

comes to mailing the receipts back to the SOBT Office. Thank you for your support, keep up the good work, and always remember to promote yourself and the SOBT Program onboard.

Your point of contact is Mr. Rafael Marquez.

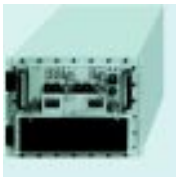
Communications

Navy Electricity and Electronics Training Series (NEETS) (CBI-GT-9719)
This EWOBT course conversion, designed to run on the SOBT Panasonic CF-41 was distributed in March 1998. You should have received this course which currently will only run in Windows 3.11 or DOS. Please give it a good review and provide your feedback to me at the SOBT office. We will have this course converted to run in the Windows 95 and NT environments in FY 99.

Having Problems running NEETS???

We have recieved some Feedback Reports and telephone calls from people having problems running the NEETS modules. There are two reasons you may have problems getting the modules to run.
1. You are trying to run NEETS in Windows 95 or NT.Solution: NEETS will only run in DOS or Windows3.11. Find a computer with the Windows 3.11 to run the training.
2. The CD-Rom Device designation is something other than "L". Solution: The NEETS modules specifically require the CD-ROM device to be dsignated as "L." A very simple means to re-designate the CD-ROM device to "L" follows:
a. Boot your computer
b. Exit Windows to the DOS prompt
c. At the DOS prompt, type "edit autoexec.bat" and Enter
d. Look for the line that reads "C"/DOS/MSCDEX.EXE/D:MSCDOOO/L:E"
e. change the end "/L:E" to read "/L:L"
f. Click on FILE, then from the dropdown menu, click SAVE
g. Click File again, then from the dropdown menu, click Exit.
h. Turnoff and reboot your computer.
The NEETS modules will be revised in FY99 to run in the Windows 95 and NT environments. This revision, will also allow the modules to seek any device designation for the CD-ROM.

Your point of contact for Communications/NSSN is Mr. Terry Harding, ext. 5514, email: tharding@mail.csg2.navy.mil



AN/USC-42(V)1 Miniaturized Demand Assigned Multiple Access (Mini-DAMA) Communications Set (CBT) This course was scheduled for completion in May 1997. It was distributed by NISE East in June 97 to USS SCRANTON (SSN 756), USS SEAWOLF (SSN 21) and PCU CONNECTICUT (SSN 22). Courseware for the AN/USC-42(V)2, which will be installed on all other submarines, is undergoing final revision and should be distributed late this summer.

Recently Distributed Communications Related SOBT Products
The following is a list of Communications related SOBT Products which have been recently distributed or are currently being duplicated for distribution.
- ☐ Submarine Voice Communications Video (SVT-C-9775)
- ☐ Submarine OTAT/OTAR Procedures Video (SVT-C-9764)
- ☐ AN/UYK-43 Diagnostics and Failure Isolation Procedures Video (SVT-DS-9778)
- ☐ Submarine EHF Antenna Installation/Removal on the Submarine (SVT-C-9895)
- ☐ Submarine EHF Antenna Installation/Removal in the Optical Shop (SVT-C-9896)

Communications Related SOBT Products under Development

The following is a list of Communications Related SOBT Products which are currently under development. Completion and distribution of these products is expected within the next 6 to 12 months.
- ■ Submarine Satellite Communications Overview Video
- ■ Submarine EHF Communications System Overview Video
- ■ Submarine Emergency Communication Video
- ■ Submarine VLF FSK/STANAG 5030 Setup Procedures Video
- ■ Submarine Communications Planning Video (Update)
- ■ Battle Group Communication -

Submarine Video (Update)

- SEAWOLF Radioman of the Watch ICW
- SEAWOLF Exterior Communications Combined Maintenance ICW
- AN/BRR-6B Towed Communications Buoy Virtual Equipment Trainer ICW
- Submarine Message Buffer (SMB) (Software Revision 5.6) Operation and Maintenance ICW
- Submarine GFCP Operation and Maintenance ICW

Submarine Communications Support System (SCSS)

PMW 173 Submarine Communications Program Office

Commander, Space and Naval Warfare Systems Command is sponsoring the development of the Submarine Communications Support System (SCSS) training curriculum. This curriculum will be used in the schoolhouse for formal training, and will also be provided to submarines for Submarine On Board Training. The following is a list of courses to be developed. Current status for each course is provided.

- Trident AN/WRR-12 (SLVR) Operation and Maintenance. Currently under development. In Draft Storyboard stage.
- Submarine Message Buffer (SMB) (Software Revision 5.2) Operation and Maintenance Cancelled. Software Revision 5.6 will be installed on all submarines during FY99.

NSSN

NEW ATTACK SUBMARINE
BATTLESPACE DOMINANCE

- Base Band Switch (BBS) Operation and Maintenance. On hold due to Software changes. Will likely start development in FY99.
- Time Frequency Distribution System (TFDS) Operation and Maintenance. Currently under early stages of development.
- OE-538/BRC Operation and Maintenance. Development to start in FY99.
- Submarine Antenna Distribution System (SADS) Operation and Maintenance. Development to start in FY99.
- Submarine Communications Support System (SCSS) System Level Operation and Maintenance Currently on hold. Development start date is unkown.

Your point of contact is Mr. Terry Harding.

FEEDBACK FORUM

Thank you very much if you are among those who have taken time out of their busy day to send us constructive criticism in an effort to improve SOBT products. PLEASE keep those cards and letters coming! We want SOBT to be a fleet operated, fleet controlled program, but you must let us know what you want! PLEASE try and find the time to let us know! Now is the time of year when we put together our "wish list" of training products for next year, which makes it the ideal time to send in your recommendations for new products. Just write down your ideas on a SOBT Feedback Form, give us a call or "surf our web site http://www.csg2.navy.mil/sobt/ or fax it to us at DSN 694-2212, COMM (860) 694-2212.

First place trophy goes to a very deserving ***USS HENRY M. JACKSON (SSBN 730) (BLUE)****, for commenting on the Navy Electricity and Electronics (NEETS) modules (CBI-GT-9719).. Here's "the Scoop" (pun intended)... It has been a long time since I have been so excited about a new SOBT product as I am with the NEETS CD-ROMs. The computer version fully explains the AC and DC flow principles much better than the books ever did and with so many new sailors arriving at their first sea command with little or no prior electronics training, this new version makes it not only easier to understand basic electronics but the CD-ROMs allow me to use SOBT laptops and various computer stations on board.*

EDITOR'S NOTE: Thank you very much for the excellent feedback. It is always exciting to hear that you enjoy one of our products so much. It is our job to serve the submarine fleet by providing the very best SOBT products that we can. Your Feedback Reports are one way of telling us what kind of job we are doing. A lot of people had been waiting a long time to get the NEETS modules, and I was extremely happy to finally get it delivered to the fleet. The only regret is the modules do not currently run in WIN95 or NT. The other problem that was noted with the modules is that they will not run if the computer CD-ROM device designation is not "L." This problem is discussed in detail in the Communications section of this Newsletter (see page 13). The NEETS modules will be revised in FY99 to run on WIN95 and NT and will also recognize the CD-ROM no matter what the device designation is. Keep the Feedback Reports coming.
Your point of contact is Mr. Terry Harding.

Second placefor this quarter goes to **USS Jacksonville (SSN 699)** for commenting on the January 1998 edition of the SOBT Catalog. Our friends on **Jacksonville** pointed out: *I noticed a couple of discrepancies as far as product serial #'s on the SOBT Catalog - When looking at the description of Submarine Shallow Water Operations, the Serial # is SVT-F-9634 and just the listing shows the Serial # as SVT-F-9654. For Tactical Use Of The Ocean Enviroment the description has the # SVT-T-9312 and the listing is SVT-S-9312. These are only minor problems, but for inventory purposes it can be confusing. Overall the new catalog is outstanding I have printed out the catalog and highlighted all material held on-board and written in any products not listed in the catalog that has been passed around to the diffenrent divisions so everybody knows what training media we have on board.*

EDITOR'S NOTE: Thanks, FT2(SS) Ronnie E. Halvorson of USS JACKSONVILLE (SSN 699) for your Feedback on the SOBT Product Catalog January 1998 (CD-ROM). We are working to fix this and other minor discrepancies from the SOBT Products Catalog. We use this information to upgrade the next SOBT Product Catalog. This is exactly the type of information that we need when new SOBT products go to the fleet. Input like yours is what makes the SOBT program successful. Congratulations P.O. Halvorson and keep up the good work! If anyone has inputs or ideas to better the next SOBT Product Catalog, please send us feedback. Your point of contact is Mr. Rafael Marquez.

Third place. This high privilege and distinct honor goes to **COMSUBRON EIGHT** for observations on the Submarine Firefighting Techniques (SVT-DC-9659) video. SUBRON EIGHT said: *Operation of the vari nozzle could have been covered*

better. The video states to use the narrow angle fog for attacking a fire. What position is that? 30,60, or 90? It should state use the 60 position and maybe show where that is on the nozzle.

EDITOR'S NOTES: Thanks to STSC (SS) Newman from COMSUBRON EIGHT for his thorough review and comments on the Submarine Fire Fighting Techniques video. You are correct; we should cover the Vari-nozzle in more detail in the video. You are also correct that the narrow angle fog pattern is the preferred spray pattern for approaching most fires. However; the narrow fog is (30 degrees) vice 60 degrees. More information on use of the Vari-nozzle can be found in NAVSHIPS Tech manual 555 volume 2. We appreciate your comments and will use them for future upgrades to the Submarine Firefighting Techniques video by adding more detailed information on the Vari-nozzle. Thank you again for taking the time to evaluate this video and for your constructive feedback. Keep those Feedback Reports coming.

Your point of contact is Mr. Paul Knieser.

SOBT Products Distributed This Quarter

1. AN/BSY-1 TLAM-C Torpedo Tube Launch (TTL) Training Model Computer Courseware (CBI-F-9779)
2. CCS MK 2 TLAM-C-Torpedo Tube Launch (TTL) Training Model Computer Courseware (CBI-F-9857), Version 2.62
3. CCS MK TLAM-C Vertical Launch System (VLS) Training Model Computer Courseware (CBI-F-9861), Version 2.62
4. Panasonc Laptop Computer Usage Policy.
5. SOBT Torpedo MK48 ADCAP Post-launch Trainier (APLT), Version 2.12 Diskette (CBI-W-9878)
6. SOBT Computer Managed Instruction (CMI)
7. Maueuvering Board Operation (CBI-N-9757) (U)
8. AN/WRN-6 (GPS) Operations (CBI-N-9873)
9. Coordinated Submarine/Task Group Operations, Part1: Command & Control (SVT-T-9513) (U)
10. Coordinated Submarine/Task Group Operations, Part2: Communications (SVT-T-9514) (U)
11. Countdown to Deployment (SVT-GT-9786) (U)
12. Submarine DAMA Operation (SVT-C-9656) (U)
13. Submarine Damage Control Equipment PMS Procedures (SVT-DC-9683) (U)
14. Submarine Fire Fighting Techniques (SVT-DC-9659) (U)
15. Submarine "I" Division Training (SVT-GT-9658) (U)
16. Submarine Small Arms Training: Course of Fire (SVT-W-9564) (U)
17. Submarine Small Arms: Description & Handling (U)
18. Towed Array TMA Techniques (SVT-F-9602) (U)
19. Submarine Safety Brief Incidents and Lessons Learned (SSB-SA-9542) (C)

SOBT Products ~~Deleted~~ This Quarter

1. SOBT QA For the Junior Worker" (SVT-GT-9401)
2. SOBT "Submarine Tomahawk Torpedo Tube Launch (TTL) (PVC) Systems Operations" (SVT-W-9606)
3. SOBT "Communications Planning"(SVT-C-9308)
4. SOBT "Battle Group Communications" (SVT-C-9519)
5. SOBT "Shipboard Security Engagement Tactics "(803635)

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